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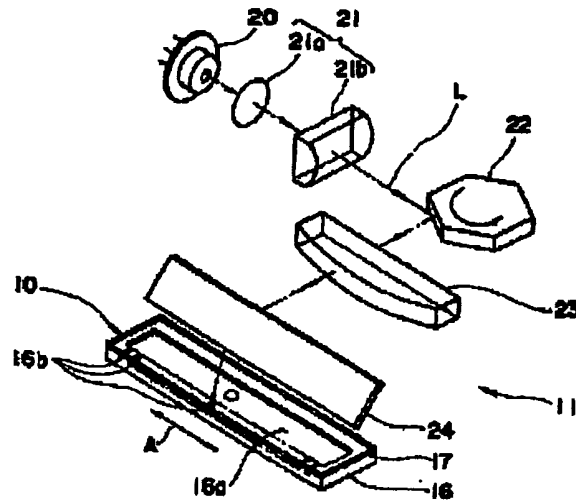
APPLICATION DATE : 18-03-92
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APPLICANT : RICOH CO LTD;

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TITLE : INK JET RECORDER AND
RECORDING THEREOF



ABSTRACT : PURPOSE: To facilitate manufacture of heads by improving the yield of the heads and enable high speed recording of the head.

CONSTITUTION: The subject device is equipped with a head 10 and a light scanning means 11. The head 10 has a plurality of nozzles 16b which is aligned on one edge of the sides of a head base 16 in the longitudinal direction with facing the outside. The light scanning means 11 is composed of a laser light source 20 that emits laser rays L, a group of lenses 21 that collimate the laser rays, a polygon mirror 22 that reflects the parallel rays, a f-theta-lens 23 that converges the reflected rays and a reflection mirror 24 that reflects the laser L to cast it to the nozzle 16b. When the recording is performed, the light scanning means 11 scans the nozzles 16b and selectively applies the laser L to the nozzles 16b to induce a bubble in the nozzles by heating an ink therein so that the ink is discharged from the nozzles 16b and the recording is performed on a sheet.

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